parasite relation of typical animal parasites, especially the more important parasites of man. Lab. fee \$7.50.

MICROTECHNIQUE

Victor Sprague (10 hrs. combined lect. and lab.; 5 sem. hrs. credit) Standard methods for preparing biological materials, especially vertebrate tissues, for microscopic study. Lab. fee \$7.50.

BIOLOGICAL PROBLEMS Victor Sprague (Hrs. and credits to be arranged)
Independent investigations of approved research problems. Lab. fee \$7.50.

CHEMISTRY

INTRODUCTORY

Natasha Goldowski Nature and Properties of matter. Atoms and Periodic Table. Chemical bonds. Oxidation-Reduction reaction. Study of main elements. Water — its structure and properties.

ORGANIC CHEMISTRY

Natasha Goldowski Elements of organic chemistry. Aliphatic and Aromatic hydrocarbons and their derivatives. Sugars. Cellulose and derived fibres. Dyes. Alcaloids. — Vitamins.

PROPERTIES OF
PLASTICS AND
METALS

Natasha Goldowski Specific properties of metals and plastics as structural materials — their physical characteristics and corrosion resistance. Effect of riveting and welding on heavy and light metals.

PHYSICS

INTRODUCTORY PHYSICS

Natasha Goldowski

Elements of physics for students without mathematical background. Mechanics, Heat, Electricity, Optics and Acoustics.

INTRODUCTION TO ATOMIC PHYSICS

Natasha Goldowski

Discovery of the electrons, atoms and periodic table. Xray and Radioactivity. Spectra. Structure of the Atom. Atomic collisions and Nuclear disintegrations. Cosmic days. (for students without mathematical background)

ADVANCED PHYSICS

Natasha Goldowski Classical physics for students having had calculus. Mechanics. Heat. Electricity, Optics. Acoustics.